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Two Brothers Racing

Juice Boost™ - ECU Bypass

2006-08 Suzuki LTR-450 Installation & Operation Manual
Part # 008-151-B



Parts Included

Qty.	Description	Part Number
1	Juice Boost™ ECU Bypass	008-151-B
1	Zip Ties	

Tools Needed For Install

- 10mm Wrench or Socket

IMPORTANT - PLEASE READ CAREFULLY

We recommend that this performance part be installed by a qualified ATV technician. If you have any doubts as to your ability to install this performance part, please consult with your local ATV dealer. Read all instructions first before starting installation. Make sure the vehicle and exhaust system are completely cool before starting the installation. Also, make sure the vehicle is secure during installation. Be sure to save all stock components for possible use later.

The Juice Boost™ is legal ONLY for closed course race vehicles. The Juice Boost™ is not applicable, nor intended for use on EMISSIONS CONTROLLED street, highway or off-road vehicles. The Juice Boost™ is not applicable, nor intended for use on aircraft.

Warranty

Two Brothers Racing warrants that this product carries a warranty for 2 years from date of purchase against original defects in materials and workmanship. Should this product fail to perform for either of the above reasons, Two Brothers Racing will repair or replace it with an equivalent product at no charge, except for postage, to the original retail purchaser.

To obtain the benefits of this warranty, the retail purchaser must return the product and proof of purchase to the place of original purchase.

Installation Instructions

- Increases up to 7 horsepower.
- Increases the REV limiter.
- Installs in minutes.
- Simple plug-in technology.

This simple plug in ECU bypass changes the ECU "Engine Control Unit" to a secondary engine management map designed for racing by Suzuki and hidden in your stock ECU. This install takes minutes and plugs into the stock wire harness under the right front bodywork. This secondary mapping is designed for an open exhaust and removing the airbox lid. The power increases up to 7 HP and the REV limiter goes from 9,500 to 10,000 RPM. This setting works very good with the Two Brothers Racing exhaust but can be altered even more by adding the JUICE BOX™ Premium Fuel Controller which will plug inline from the ECU to the injector and add even more fuel to better match the Two Brothers Racing exhaust. You can easily add even more fuel if needed after other engine modifications are done and more fuel is necessary for optimum performance with the added JUICE BOX™.

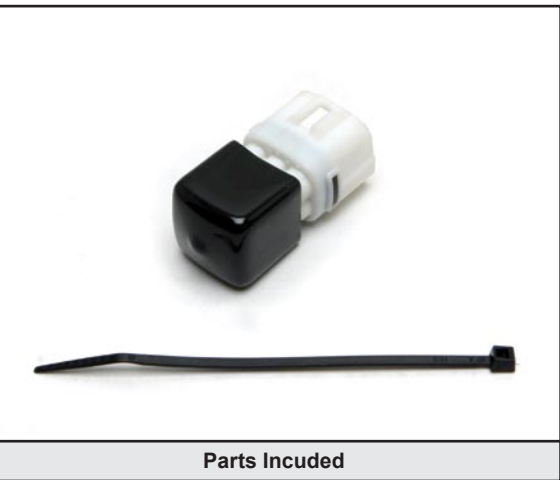
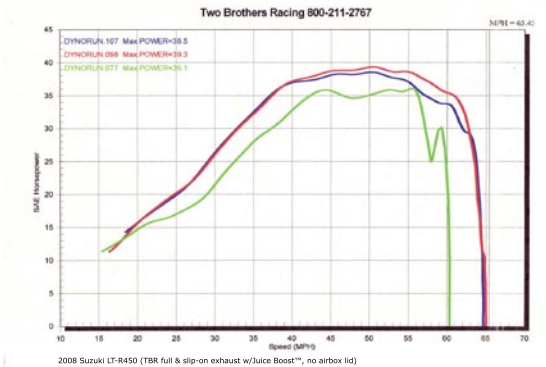
1. Make sure the vehicle is completely cool before starting the installation. Also, make sure the vehicle is secure and will not roll around by setting the parking brake.
2. Remove headlight assembly by removing the 10mm head bolt at the lower front of the ATV and pull light assembly forward and down toward the ground.



3. Now you can locate the black plug covering the white female connector plug. Remove the black rubber cover and plug in the Juice Boost zip tie to wire harness.



4. Remove the air box lid located under the seat.
5. Install your Two Brothers Racing exhaust or remove the insert inside your OEM exhaust.
6. Two Brothers recommends race fuel or 91 octane gas.
7. Re-install headlight if needed.



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